

AMENDMENT NO. 2 AUGUST 2017 TO IS 6798 : 1997 OCTYL GALLATE, FOOD GRADE — SPECIFICATION

(First Revision)

[Page 1, clause 4.1.2] — Insert the following new clause:

‘4.1.3 TLC separation of Gallate Esters — Use a thin-layer plate prepared with silica gel G. Prepare a sample solution by dissolving 10 mg of sample in 10 ml ethanol. Prepare control solution A by dissolving 10 mg of octyl gallate in 10 ml ethanol and control solution B by dissolving 10 mg of propyl gallate and 10 mg of octyl gallate in 10 ml ethanol.

4.1.3.1 Place 5 µl of each solution on the plate. Develop the chromatogram to about 15 cm from the starting point using a developing solvent containing 20 volumes glacial acetic acid, 40 volumes petroleum ether and 40 volumes toluene.

4.1.3.2 Dry the plate in air. Spray the plate with an indicator solution, containing 20 percent (w/v) phosphomolybdic acid in ethanol until a yellow colouration persists.

4.1.3.3 Examine in daylight. After a few min there is a progressive change to blue colouration. After 5 to 10 min expose the plate to ammonia vapours until the background is white.

4.1.3.4 Examine in daylight. The principal spot of the sample solution corresponds with that for octyl gallate in the control solutions. Suitable resolution of propyl and octyl gallate spots is determined from control solution B.’

[Page 1, Table 1, Sl. No. (ix)] — Insert the following new entry at the end of the table:

Sl 2No.	Characteristic	Requirement	Method of Test, Ref to	
			Annex of this Standard	Clause of IS 1699 : 1995
(1)	(2)	(3)	(4)	(5)
ix)	Lead, mg/kg, <i>Max</i>	2	-	15

(FAD 08)

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